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



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 Guetat, G.; Maitre, M.; Joly, L.; Lai, S.-L.; Tzumin Lee; Shinagawa, Y.;  
[Information Technology in Biomedicine, IEEE Transactions on](#)  
 Volume 10, Issue 2, April 2006 Page(s):362 - 376  
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 Bouguila, N.; Ziou, D.;  
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Torsello, A.; Hancock, E.R.;  
[Pattern Analysis and Machine Intelligence, IEEE Transactions on](#)  
Volume 28, Issue 6, June 2006 Page(s):954 - 967  
Digital Object Identifier 10.1109/TPAMI.2006.125  
  
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Digital Object Identifier 10.1109/TGRS.2005.861929  
  
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Goldberger, J.; Gordon, S.; Greenspan, H.;  
[Image Processing, IEEE Transactions on](#)  
Volume 15, Issue 2, Feb. 2006 Page(s):449 - 458  
Digital Object Identifier 10.1109/TIP.2005.860593  
  
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-  **9. Active concept learning in image databases**  
Anlei Dong; Bhanu, B.;  
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Digital Object Identifier 10.1109/TSMCB.2005.846653  
  
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-  **10. Data mapping by probabilistic modular networks and information-theoretic criteria**  
Yue Wang; Shang-Hung Lin; Huai Li; Sun-Yuan Kung;  
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Signal Processing, IEE](#)  
Volume 46, Issue 12, Dec. 1998 Page(s):3378 - 3397  
Digital Object Identifier 10.1109/78.735311  
  
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-  **11. Quantification and segmentation of brain tissues from MR images: a probabilistic neural net**  
Yue Wang; Adali, T.; Sun-Yuan Kung; Szabo, Z.;  
[Image Processing, IEEE Transactions on](#)  
Volume 7, Issue 8, Aug. 1998 Page(s):1165 - 1181  
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-  **12. Cluster validation for unsupervised stochastic model-based image segmentation**  
Langan, D.A.; Modestino, J.W.; Jun Zhang;  
[Image Processing, IEEE Transactions on](#)  
Volume 7, Issue 2, Feb. 1998 Page(s):180 - 195  
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Yue Wang; Lan Luo; Freedman, M.T.; Sun-Yuan Kung;  
[Neural Networks, IEEE Transactions on](#)  
Volume 11, Issue 3, May 2000 Page(s):625 - 636  
Digital Object Identifier 10.1109/72.846734  
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- ☐ **14. A mixture model and EM-based algorithm for class discovery, robust classification, and out**  
**mixed labeled/unlabeled data sets**  
Miller, D.J.; Browning, J.;  
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Volume 25, Issue 11, Nov. 2003 Page(s):1468 - 1483  
Digital Object Identifier 10.1109/TPAMI.2003.1240120  
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- ☐ **15. Unsupervised learning of a finite mixture model based on the Dirichlet distribution and its a**  
Bouguila, N.; Ziou, D.; Vaillancourt, J.;  
[Image Processing, IEEE Transactions on](#)  
Volume 13, Issue 11, Nov. 2004 Page(s):1533 - 1543  
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Zivkovic, Z.; van der Heijden, F.;  
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Volume 26, Issue 5, May 2004 Page(s):651 - 656  
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Jen-Tzung Chien; Furui, S.;  
[Speech and Audio Processing, IEEE Transactions on](#)  
Volume 13, Issue 3, May 2005 Page(s):377 - 387  
Digital Object Identifier 10.1109/TSA.2005.845810  
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Rui Xu; Wunsch, D., II;  
[Neural Networks, IEEE Transactions on](#)  
Volume 16, Issue 3, May 2005 Page(s):645 - 678  
Digital Object Identifier 10.1109/TNN.2005.845141  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1544 KB\)](#) IEEE JNL  
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- ☐ **19. Does independent component analysis play a role in unmixing hyperspectral data?**  
Nascimento, J.M.P.; Dias, J.M.B.;  
[Geoscience and Remote Sensing, IEEE Transactions on](#)  
Volume 43, Issue 1, Jan. 2005 Page(s):175 - 187  
Digital Object Identifier 10.1109/TGRS.2004.839806  
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Yang, A.Y.; Rao, S.R.; Yi Ma;  
[Computer Vision and Pattern Recognition Workshop, 2006 Conference on](#)  
 17-22 June 2006 Page(s):99 - 99  
 Digital Object Identifier 10.1109/CVPRW.2006.178  
[AbstractPlus](#) | Full Text: [PDF](#)(3008 KB) IEEE CNF  
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#### 21. Variational segmentation of color images

Nasios, N.; Bors, A.G.;  
[Image Processing, 2005. ICIP 2005. IEEE International Conference on](#)  
 Volume 2, 11-14 Sept. 2005 Page(s):11 - 614-17  
 Digital Object Identifier 10.1109/ICIP.2005.1530130  
[AbstractPlus](#) | Full Text: [PDF](#)(216 KB) IEEE CNF  
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#### 22. Computed simultaneous imaging of multiple functional biomarkers

Yue Wang; Srikanchana, R.; Jianhua Xuan; Szabo, Z.; Choyke, P.;  
[Biomedical Imaging: Macro to Nano, 2004. IEEE International Symposium on](#)  
 15-18 April 2004 Page(s):225 - 228 Vol. 1  
 Digital Object Identifier 10.1109/ISBI.2004.1398515  
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#### 23. Semantic video classification and feature subset selection under context and concept uncei

Fan, J.; Luo, H.; Xiao, J.; Wu, L.;  
[Digital Libraries, 2004. Proceedings of the 2004 Joint ACM/IEEE Conference on](#)  
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#### 24. A powerful finite mixture model based on the generalized Dirichlet distribution: unsupervise applications

Bouguila, N.; Ziou, D.;  
[Pattern Recognition, 2004. ICPR 2004. Proceedings of the 17th International Conference on](#)  
 Volume 1, 23-26 Aug. 2004 Page(s):280 - 283 Vol.1  
 Digital Object Identifier 10.1109/ICPR.2004.1334107  
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#### 25. Variational expectation-maximization training for Gaussian networks

Nasios, N.; Bors, A.G.;  
[Neural Networks for Signal Processing, 2003. NNSP'03, 2003 IEEE 13th Workshop on](#)  
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PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:

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CITY

STATE

COUNTRY

Acharya, Chiranjit

San Jose

CA

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INVENTOR-INFORMATION:

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Acharya, Chiranjit	San Jose	CA	US

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NAME	CITY	STATE	COUNTRY
Borghese; N. Alberto	Milano		IT
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NAME	CITY	STATE	COUNTRY
Campbell, Christopher S.	San Jose	CA	US
Costello, Tomas J.	San Jose	CA	US
Joshi, Mahesh V.	San Jose	CA	US
Vaithyanathan, Shivakumar	San Jose	CA	US
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PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040254782 A1

TITLE: Method and apparatus for training a translation disambiguation classifier

PUBLICATION-DATE: December 16, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Li, Hang	Beijing		CN

US-CL-CURRENT: 704/8

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw Ds
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☐ 5. Document ID: US 20040009489 A1

L4: Entry 5 of 6

File: PGPB

Jan 15, 2004

PGPUB-DOCUMENT-NUMBER: 20040009489

PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20040009489 A1

TITLE: Classification of lung carcinomas using gene expression analysis

PUBLICATION-DATE: January 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Golub, Todd R.	Newton	MA	US
Meyerson, Matthew	Concord	MA	US
Bhattacharjee, Arindam	Andover	MA	US
Staunton, Jane	Cambridge	MA	US

US-CL-CURRENT: 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw De
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☐ 6. Document ID: US 6449612 B1

L4: Entry 6 of 6

File: USPT

Sep 10, 2002

US-PAT-NO: 6449612  
DOCUMENT-IDENTIFIER: US 6449612 B1

TITLE: Varying cluster number in a scalable clustering system for use with large databases

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bradley; Paul S.	Seattle	WA		
Fayyad; Usama	Mercer Island	WA		

US-CL-CURRENT: 707/6; 704/245, 707/104.1, 707/201

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	EMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Term	Documents
EXPECTATION	25531
EXPECTATIONS	16545
MAXIMIZATION	10069
MAXIMISATION	333
MAXIMISATIONS	1